

Title (en)
ELECTRICAL CONNECTION ASSEMBLY HAVING TWO WELDED CONDUCTORS AND A LAYER OF CYANOACRYLATE GLUE BETWEEN THE CONDUCTORS, AND METHOD FOR THIS

Title (de)
ELEKTRISCHE VERBINDUNGSANORDNUNG MIT ZWEI GESCHWEISSTEN LEITERN UND EINER SCHICHT AUS CYANOACRYLAT-KLEBER ZWISCHEN DEN LEITERN UND VERFAHREN DAFÜR

Title (fr)
ENSEMBLE DE CONNEXION ÉLECTRIQUE DOTÉ DE DEUX CONDUCTEURS SOUDÉS ET D'UNE COUCHE DE COLLE CYANOACRYLATE ENTRE LES CONDUCTEURS, ET PROCÉDÉ CORRESPONDANT

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Application
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Abstract (en)
[origin: EP3682999A1] The invention relates to an electrical connection assembly (2), in particular for power electronics (1) for an electrically powered vehicle, and also to a method for the manufacture of such a connection assembly. Two conductors (4, 6) are connected to one another by a welding point (18). A layer (12) consisting of or comprising cyanoacrylate glue (14) is located between the two conductors (4, 6). The welding point (18) is located preferably in the area (16). Further, at least one layer (20) of a material (22) which impedes or prevents the hardening of the cyanoacrylate glue (14) may be present in the area (16). The thickness of the layer (12) is preferably a maximum of double the surface roughness (R) of the surface (28). To obtain a predetermined surface roughness R, the area (16) can at least partially be provided with a roughening (24).

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